

1AP20 Rec'd PCT/PTO 14 FEB 2006

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 056291-5231	Serial No. Unassigned
	Applicants Andrew CASSIDY et al.	
	Filing Date February 14, 2006	Group Unassigned
	<div style="position: absolute; top: -20px; left: 50px; font-size: 2em; font-weight: bold;">10/568432</div>	

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
/MEB/	WO 01/73134	October 4, 2001	WIPO				
/MEB/	WO 99/25873	May 27, 1999	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
 	HU LIMEI ET AL: "Obtaining reliable information from minute amounts of RNA using cDNA microarrays" BMC GENOMICS 'ELECTRONIC RESOURCE'. 21 JUN 2002
/MEB/	GUSTINCICH STEFANO ET AL: "Gene discovery in genetically labeled single dopaminergic neurons of the retina." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA. 6 APR 2004
↓	KLUR SANDRA ET AL: "Evaluation of procedures for amplification of small-size samples for hybridization on micrarrays." GENOMICS
↓	ZHU Y Y ET AL: "REVERSE TRANSCRIPTASE TEMPLATE SWITCHING: A SMART APPROACH FOR FULL-LENGTH CDNA LIBRARY CONSTRUCTION" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US
↓	SHI X ET AL: "5 RACE BY TAILING A GENERAL TEMPLATE-SWITCHING OLIGONUCLEOTIDE" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US
↓	SCHMIDT W M ET AL: "Capselect: a high sensitive method for 5'cap-dependent enrichment of full-length Cdna in PCR-mediate analysis of mRNAs" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB

Examiner /Molly Baughman/	Date Considered 12/13/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.

056291-5231

Serial No.

Unassigned

Applicants

Andrew CASSIDY et al.

Filing Date

February 14, 2006

Group

Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation	
					YES	NO
WO 01/73134	October 4, 2001	WIPO				
WO 99/25873	May 27, 1999	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	HU LIMEL ET AL: "Obtaining reliable information from minute amounts of RNA using cDNA-microarrays." BMC GENOMICS ELECTRONIC RESOURCE 1. 21 JUN 2002
	GUSTINGICH STEFANO ET AL: "Gene discovery in genetically labeled single dopaminergic neurons of the retina." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA. 6 APR 2004
	KLUR SANDRA ET AL: "Evaluation of procedures for amplification of small-size samples for hybridization on microarrays." GENOMICS
	ZHU Y Y ET AL: "REVERSE TRANSCRIPTASE TEMPLATE SWITCHING: A SMART APPROACH FOR FULL-LENGTH CDNA LIBRARY CONSTRUCTION" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US
	SHI X ET AL: "5' RACE BY TAILING A GENERAL TEMPLATE-SWITCHING OLIGONUCLEOTIDE" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US
	SCHMIDT W M ET AL: "Capselect: a high sensitive method for 5' cap-dependent enrichment of full-length cDNA in PCR-mediate analysis of mRNAs" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB

Examiner

/Molly Baughman/

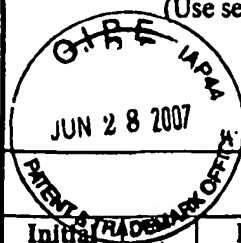
Date Considered

12/13/2007

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



PTO Form 1449
July 31, 2006

Ap

F

U.S. PATENT

Initial

Document No.

Date

FOREIGN PATENT

Document No.

Date

OTHER DOCUMENTS (Including All)

21. Duguid et al. "Isolation of cDNAs of Scrapie-Mediated Prion Protein" *Proc Natl Acad Sci USA* 85(15):5738-5742 (1988)
22. Eberwine et al. "Analysis of Gene Expression in Single Live Neurons" *Proc Natl Acad Sci USA* 89:3010-3014 (1992)
23. Rink et al. "cDNA Array Hybridization after Laser-Assisted Microdissection from Nonneoplastic Tissue" *American Journal of Pathology* 160:81-90 (2002)
24. Frohman et al. "Rapid Production of Full-Length cDNAs from Rare Transcripts: Amplification Using a Single Gene-Specific Oligonucleotide Primer" *Proc Natl Acad Sci USA* 85(23):8998-9002 (1988)
25. Fromont-Racine et al. "A highly sensitive method for mapping the 5' termini of mRNAs" *Nucleic Acids Res.* 21(7):1683-1684 (1993)
26. Gonzalez et al. "Identification and isolation of differentially expressed genes from very small tissue samples" *Biotechniques* 26(5):884-892 (1999)
27. Gustincich et al. "Gene discovery in genetically labeled single dopaminergic neurons of the retina" *Proc Natl Acad Sci USA* 101(14):5069-5074 (2004)
28. Hu and Temin "Retroviral recombination and reverse transcription" *Science* 250(4985):1227-1233 (1990)
29. Hu et al. "Obtaining reliable information from minute amounts of RNA using cDNA microarrays" *BMC Genomics* 3(16):1-8 (2002) 3(16):16-23 (2002)
30. Huang et al. "A new highly sensitive two-step RT-PCR system" *Focus* 22: 6-7 (2000)
31. Iscove et al. "Representation is faithfully preserved in global cDNA amplified exponentially from sub-picogram quantities of mRNA" *Nat Biotechnol.* 20(9):940-943 (2002)
32. Kato et al. "Construction of a human full-length cDNA bank" *Gene* 150(2):243-250 (1994)
33. Kellogg et al. "TaqStart Antibody: 'hot start' PCR facilitated by a neutralizing monoclonal antibody directed against Taq DNA polymerase" *Biotechniques* 16(6):1134-1137 (1994)
34. Khr et al. "Evaluation of procedures for amplification of small-size samples for hybridization on microarrays" *Genomics* 83(3):508-517 (2004)
35. Livesey et al. "Microarray Analysis of the Transcriptional Network Controlled by the Photoreceptor Homeobox Gene" *Curr Biol.* 10(6):301-310 (2000)
36. Luo et al. "Gene expression profiles of laser-captured adjacent neuronal subtypes" *Nature Medicine* 5:117-122 (1999)
37. Luzzi et al. "Expression Profiling of Ductal Carcinoma in Situ by Laser Capture Microdissection and High-Density Oligonucleotide Arrays" *American Journal of Pathology* 158:2005-2010 (2001)
38. Mahadevappa and Warrington "A high-density probe array sample preparation method using 10- to 100-fold fewer cells" *Nat Biotechnol.* 17(11):1134-1136 (1999)
39. Makrigiorgos et al. "A PCR-based amplification method retaining the quantitative difference between two complex genomes" *Nat Biotechnol.* 20(9):936-939 (2002)
40. Maruyama and Sugano "Oligo-capping: a simple method to replace the cap structure of eukaryotic mRNAs with oligonucleotides" *Gene* 138(1-2):171-174 (1994)

Examiner

/Molly Baughman/

Date Considered

12/13/2007

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

tion No.
8,432

E 2 of 3

Unassigned

iling Date

anslation

Madras checked.

OK.

6/28/07
3 of 3 don't have

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Attorney Docket No. 056291-5231-US		Application No. 10/568,432	
Applicants: Andrew CASSIDY <i>et al.</i>				PAGE 1 of 3			
PTO Form 1449 July 31, 2006				Filing Date: February 14, 2006		Group Art Unit: <i>Unassigned</i>	

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/MEB/	1.	US 5,716,785	February 10, 1998	Van Gelder et al.	435	6	April 19, 1996

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
	2.	WO 01/73134	October 4, 2001	WIPO			
	3.	WO 99/25873	May 27, 1999	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
/MEB/	4.	Affymetrix GeneChip® Expression Analysis Technical Manual [http://www.affymetrix.com/]					
	5.	Affymetrix Technical Note GeneChip® Eukaryotic Small Sample Target Labeling Assay Version II [http://www.affymetrix.com/Download/manuals]					
	6.	Akowitz et al. "A novel cDNA/PCR strategy for efficient cloning of small amounts of undefined RNA" <i>Gene</i> 81(2):295-306 (1989)					
	7.	Apte et al. "Anchor-ligated cDNA libraries: a technique for generating a cDNA library for the immediate cloning of the 5' ends of mRNAs" <i>Biotechniques</i> 15:890-893 (1993)					
	8.	Assersohn et al. "The feasibility of using fine needle aspiration from primary breast cancers for cDNA microarray analyses" <i>Clin Cancer Res.</i> 8(3):794-801 (2002)					
	9.	Barnes "PCR amplification of up to 35-kb DNA with high fidelity and high yield from lambda bacteriophage templates" <i>Proc Natl Acad Sci USA</i> 91(6):2216-2220 (1994)					
	10.	Baugh et al. "Quantitative analysis of mRNA amplification by in vitro transcription" <i>Nucleic Acids Res.</i> 29(5):E29 (2001)					
	11.	Belyavsky et al. "PCR-based cDNA library construction: general cDNA libraries at the level of a few cells" <i>Nucleic Acids Research</i> 17(8):2919-2932 (1989)					
	12.	Brady et al. "Representative <i>in vitro</i> cDNA amplification from individual hemopoietic cells and colonies" <i>Meth Mol Cell Biol</i> 2:17-25 (1990)					
	13.	Chamberlin and Ryan in <i>The Enzymes</i> , ed. PD Boyer (Academic Press, New York.) 87-108 (1982)					
	14.	Chenchik <i>et al.</i> "Generation and use of high-quality cDNA from small amounts of total RNA by SMART PCR" In <i>Gene Cloning and Analysis by RT-PCR</i> (BioTechniques Books, MA) 305-319 (1998)					
	15.	Cheng et al. "Temporal mapping of gene expression levels during the differentiation of individual primary hematopoietic cells" <i>Proc Natl Acad Sci USA</i> 93(23):13158-13163 (1996)					
	16.	Chirgwin et al. "Isolation of biologically active ribonucleic acid from sources enriched in ribonuclease" <i>Biochemistry</i> 18(24):5294-5299 (1979)					
	17.	Chomczynski and Sacchi "Single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction" <i>Anal. Biochem.</i> 162(1):156-159 (1987)					
	18.	Clark "Novel non-templated nucleotide addition reactions catalyzed by procaryotic and eucaryotic DNA polymerases" <i>Nucleic Acids Res.</i> 16(20):9677-9686 (1988)					
	19.	Dixon et al. "Expression profiling of single cells using 3 prime end amplification (TPEA) PCR" <i>Nucleic Acids Res.</i> 26(19):4426-4431 (1998)					
↓	20.	Domec et al. "cDNA library construction from small amounts of unfractionated RNA: association of cDNA synthesis with polymerase chain reaction amplification" <i>Anal Biochem.</i> 188(2):422-426 (1990)					

Examiner	/Molly Baughman/	Date Considered	12/13/2007
----------	------------------	-----------------	------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449 July 31, 2006		Attorney Docket No. 056291-5231-US		Application No. 10/568,432		
		Applicants: Andrew CASSIDY et al.				PAGE 2 of 3
		Filing Date: February 14, 2006		Group Art Unit: Unassigned		

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
/MEB/	21.	Duguid et al. "Isolation of cDNAs of Scrapie-Modulated RNAs by Subtractive Hybridization of a cDNA Library" Proc Natl Acad Sci USA. 85(15):5738-5742 (1988)					
↓	22.	Eberwine et al. "Analysis of Gene Expression in Single Live Neurons" Proc Natl Acad Sci USA 89:3010-3014 (1992)					
↓	23.	Fink et al. "cDNA Array Hybridization after Laser-Assisted Microdissection from Nonneoplastic Tissue" American Journal of Pathology 160:81-90 (2002)					
↓	24.	Frohman et al. "Rapid Production of Full-Length cDNAs from Rare Transcripts: Amplification Using a Single Gene-Specific Oligonucleotide Primer" Proc Natl Acad Sci USA 85(23):8998-9002 (1988)					
↓	25.	Fromont-Racine et al. "A highly sensitive method for mapping the 5' termini of mRNAs" Nucleic Acids Res. 21(7):1683-1684 (1993)					
↓	26.	Gonzalez et al. "Identification and isolation of differentially expressed genes from very small tissue samples" Biotechniques 26(5):884-892 (1999)					
↓	27.	Gustincich et al. "Gene discovery in genetically labeled single dopaminergic neurons of the retina" Proc Natl Acad Sci USA 101(14):5069-5074 (2004)					
/MEB/	28.	Hu and Temin "Retroviral recombination and reverse transcription" Science 250(4985):1227-1233 (1990)					
↓	29.	Hu et al. "Obtaining reliable information from minute amounts of RNA using cDNA microarrays" BMC Genomics 3(16):1-8 (2002)					
/MEB/	30.	Huang et al. "A new highly sensitive two-step RT-PCR system" Focus 22: 6-7 (2000)					
↓	31.	Iscove et al. "Representation is faithfully preserved in global cDNA amplified exponentially from sub-picogram quantities of mRNA" Nat Biotechnol. 20(9):940-943 (2002)					
↓	32.	Kato et al. "Construction of a human full-length cDNA bank" Gene 150(2):243-250 (1994)					
↓	33.	Kellogg et al. "TaqStart Antibody: "hot start" PCR facilitated by a neutralizing monoclonal antibody directed against Taq DNA polymerase" Biotechniques 16(6):1134-1137 (1994)					
↓	34.	Kur et al. "Evaluation of procedures for amplification of small-size samples for hybridization on microarrays" Genomics 83(3):508-517 (2004)					
/MEB/	35.	Livesey et al. "Microarray Analysis of the Transcriptional Network Controlled by the Photoreceptor Homeobox Gene" Curr Biol. 10(6):301-310 (2000)					
↓	36.	Luo et al. "Gene expression profiles of laser-captured adjacent neuronal subtypes" Nature Medicine 5:117-122 (1999)					
↓	37.	Luzzi et al. "Expression Profiling of Ductal Carcinoma in Situ by Laser Capture Microdissection and High-Density Oligonucleotide Arrays" American Journal of Pathology 158:2005-2010 (2001)					
↓	38.	Mahadevappa and Warrington "A high-density probe array sample preparation method using 10- to 100-fold fewer cells" Nat Biotechnol. 17(11):1134-1136 (1999)					
↓	39.	Makrigiorgos et al. "A PCR-based amplification method retaining the quantitative difference between two complex genomes" Nat Biotechnol. 20(9):936-939 (2002)					
↓	40.	Maruyama and Sugano "Oligo-capping: a simple method to replace the cap structure of eukaryotic mRNAs with oligoribonucleotides" Gene 138(1-2):171-174 (1994)					

Examiner /Molly Baughman/	Date Considered 12/13/2007
----------------------------------	-----------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

